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From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: List
Subject: Info-Hams Digest V94 #1181
To: Info-Hams

Info-Hams Digest Wed, 2 Nov 94 Volume 94 : Issue 1181

Today's Topics:

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Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Sun, 30 Oct 1994 23:12:16 GMT
From: wnewkirk@bb.iu.net (William E. Newkirk)
Subject: anyone know anything about hallicrafters

Larry CONTRACTOR Keith Mr. (lakeith@robins.af.mil) wrote:
: Yes, 807 is a common transmitting tube as is a 6146... As a
: firebottle fan, I would like to have such a phone number...
: Larry, KQ4BY

have you asked the phone company about getting that specific number? it could be available if you've got the right combination of prefixes in your area..

73, bill wb9ivr

Date: 2 Nov 1994 01:17:18 GMT
From: jdevenport@lanl.gov (Jim Devenport WB5A0X)
Subject: CHIPSWITCH upgrade for HR2600 ?

A friend of mine, Dave Wolf, WB4VCQ, who had not had a terrible amount of experience in radio mod/repair, successfully added the CHIPSWITCH upgrade to his HR2600 and is very happy with it. It DOES take some care and watchfulness to avoid damaging things when making this or any other mod or repair to a radio.

Dave recently moved to Austin TX at (U. of Texas???) and no doubt can be reached via internet email but I haven't heard from him since he moved so do not know his email address for you to pulse him with a query.

Jim, WB5A0X

Date: 29 Oct 1994 12:58:32 -0700
From: turner@safety.ics.uci.edu (Clark Savage Turner)
Subject: Cold weather = dead radio ??

In <38ptfc\$6sr@pace1.cts> mladair@mtu.edu (Matt Adair) writes:

>
>I was just wondering if some of you folks out there might be able to
>help me with a problem I seem to be having.

>I have an Icom H16 radio with a CM8 (BP8) battery pack. Whenever the
>radio becomes cold, it goes "dead." The display seems to work, but
>there isn't any audio. Once you warm the radio back up, it works
>fine.

Hmmmm.... ICOM? I had two IC-2AT's that ended up with this problem. After LONG times at the Icom service center when they tried to tell me over and over that nothing was wrong, my dealer put it in the freezer for me and pulled it out and - it didn't work. Icom Service wouldn't

try this - but after my dealer complained they took it back embarrassed and found a CRYSTAL that failed because of the cold. That was the problem, because I lived in Maine and bicycled a lot in the winter, and the IC 2AT worked fine after that in sub zero conditions. Icom may have had a bad batch of crystals. They were somewhere in the synthesizer circuit, I believe. Suggest that to the Icom service center nearest you. Tell them that you rely on the radio for search and rescue, that might help.

Good luck.

Clark
WA3JPG

Date: Sun, 30 Oct 1994 23:26:59 GMT
From: wnewkirk@bb.iu.net (William E. Newkirk)
Subject: EXAM Software

GuyK965862 (guyk965862@aol.com) wrote:
: What is a good computer program I can get to help me study for the TECH
: licence. I am already a NOVICE!!

does it have to be a computer program? there are a number of books available at a small cost.

bill wb9ivr

Date: Sun, 30 Oct 1994 23:04:13 GMT
From: wnewkirk@bb.iu.net (William E. Newkirk)
Subject: Experience with clip-on window antenna mounts

Sami Boulos (sami@bcars6c6.bnr.ca) wrote:
: I'd like to use a window clip-mount that has a BNC-BNC mount (e.g.
: Valor WMBNC or ANLI WA-1) to attach my 5/8 wave 2M telescopic antenna
: (ANLI AL-760) to one end and HTX-202 at the other end, inside my car. Is
: Sami Boulos | Bell-Northern Research | TEL: (613) 765-2108

i would think that there would be a problem with the ability of a telescoping antenna to withstand wind and any objects you might hit. no problem with having a external whip as you describe, but you might want to make it a piece of flexible rod so you don't have to worry about unexpected failure and save the telescoping whip for other applications...

73, bill wb9ivr

Date: Sun, 30 Oct 1994 23:28:57 GMT
From: wnewkirk@bb.iu.net (William E. Newkirk)
Subject: exploring the internet

Howard Goldstein (imotion@iu.NET) wrote:

: Too bad someone can't convert the articles to html,, sidebars and all
: through links, and put it on your nice www server.

: N2WX

: Howard Goldstein

imotion@iu.net

: InfoMotion, Inc.

CIS:75006,702

maybe the ARRL needs a WWW server?

maybe they'll do it before W2NSD or CQ gets into this stuff....8)

73, bill wb9ivr

Date: 2 Nov 94 13:33:00 GMT
From: 0003511297@mcimail.COM (Frederick O. Maia)
Subject: Farnsworth question

Byon...

Your question on telegraphy speed is interesting - and difficult to answer straightforward. Actually, telegraphy speed at best can only be approximate. Regular plain English (PL) telegraphy keying spaced is usually based on the 50 unit word PARIS. Only one letter (P) is relatively long.

Random code (so called "Code Groups" CG) sent on the basis of the word PARIS actually seems about 15% faster since CG's contain substantially more of the longer characters ...Q, Y, Z, X - plus numbers, punctuation ..prosigns. (Some telegraphy enthusiasts believe "dit speed" rather than the word PARIS should be the used as the speed criteria. We use PARIS here.)

When Samuel Morse ingeniously devised his code, he referred to a printer's type face box and counted the number of times each letter was in the box. Thus "E" became "dit", "T" = "dah," etc. The English language contains more vowels (all short) plus letters like N, S, R...

Random CG (such as the 20 wpm CG we administer to applicants for the First Class Radiotelegraph) actually appears to be 23 wpm if you use PARIS spacing. This is why everyone has trouble copying random code. You can't read it (fill in) ...and the "dit rate" is necessarily faster (if you use PARIS spacing!) While PL is generally

considered to be 50 units long, CG is about 60. Computer keying programs do not compensate for the language difference ...such as when CG are transmitted. In fairness, a 20 wpm CG telegraphy exam should be slowed down to 17 or 18 wpm if the word PARIS determines the keying speed.

Farnsworth spacing simply lengthens (pauses) the spaces between characters and words. The bottom line to all of this, Byon, is that telegraphy speed is an inexact science and all you can hope to do is come close. (We always lean in favor of the examinee.)

We try to transmit our 5 and 13 wpm, code tests at 15 wpm (which is closer to what the FCC used) when they administered the tests. (See June 22, 1982 Public Notice entitled "Specifications Used by FCC for Amateur Radio Morse Code Test Tapes." The FCC did NOT use Farnsworth spacing at 13 and 20 wpm ...and timed their 5 wpm (Novice Element 1A) at 13 wpm.

We use 15 wpm for 5 and 13 (and the 20 wpm is not Farnsworth spaced.) The ARRL uses 18 which indeed does facilitate the attainment of higher speed proficiency, but (in our opinion) is harder for newcomers. We think the 15 wpm is an acceptable compromise between the FCC's (previous) spacing and that of the ARRL. Again, this is all "conjecture." Frankly, I have given up trying to figure out code speed.

73/Fred/W5YI (An ex-professional military telegrapher - 40 years ago!)

Date: Wed, 2 Nov 1994 15:52:26 +0100
From: sz0026@cd4680fs.rrze.uni-erlangen.de (Richard Hieber)
Subject: HAM EMAIL-server?

Hello everybody,

a friend of mine without direct internet access is looking for a possibility to have access to ham related software pools via EMAIL. I know that FTP EMAIL server exist, but I couldn't provide him with any address.

Can you help me (him) out?

Vy 73
Richard Hieber, DL8MFQ (AA8CP) @ DB0SIF.DEU.EU (Packet Radio)
sz0026@daphne.rrze.uni-erlangen.de

Date: 2 Nov 1994 08:35:34 GMT
From: s_kwan@hk.super.net (Simon Kwan)

Subject: How good is 10 db 2 meter yagi?

Date: Sun, 30 Oct 1994 15:41:29 GMT
From: rkm@vectorbd.com
Subject: Israel Radio Traffic

Abraham Stavsky (ag001@lafn.org) wrote:

: Can anyone out there tell me with what equipment, as a Technician,
: I could possibly reach a ham operator in Israel? I realize I'm
: limited to the VHF/UHF range -- is there any possibility? And if
: Isreal wxxxxxxx Israel is out of the question -- can I reach Denver
: from Los Angeles?

Yup! It's called a "telephone." ;-)

Seriously, though, you have two possibilities: VHF/UHF packet, which, if you're lucky, may get your messages through, or satellites.

- Rich

Date: Sun, 30 Oct 1994 22:38:13 GMT
From: daniel.meredith@aznetig.stat.com (Daniel Meredith)
Subject: Motorola Mitreks

-> Newsgroups: rec.radio.amateur.misc
-> Path: stat!news.primenet.com!news.sprintlink.net!howland.reston.ans.n
-> From: jeffrey@kahuna.tmc.edu (Jeffrey Herman)
-> Subject: Re: Motorola Mitreks
-> Message-ID: <CyI34v.L1t@news.Hawaii.Edu>
-> Sender: news@news.Hawaii.Edu
-> Organization: University of Hawaii
-> References: <CyGCH1.JEL@news.Hawaii.Edu> <1994Oct30.035623.12409@ke4z
-> Date: Sun, 30 Oct 1994 19:22:06 GMT
-> Lines: 14
->
-> gary@ke4zv.atl.ga.us (Gary Coffman) writes:
->
-> >What you don't seem to realize, Jeff, is that the 450-470 Motos
-> >are *different* from the 420 models. There are several changes
-> >that must be done to the transmit and receive decks to move them
-> >that far which are *not* trivial. Hence your pointer is not too

-> >helpful.

->

-> So Mitreks are made-to-order for 420 MHz? I didn't realize Motorola

They are 400-420 Mhz and they move up into the 420 Ham Band quite nicely. Motorola has made nearly every line in a 400-420 version because of the Federal Bureaus that operate in that spectrum...

Dan

----- \-----/ -----
Arizona Network Intertie Group
"Serving Az's Digital Needs Since 1993"

Daniel J. Meredith - N7MRP	Voice: +1-602-809-7384
P.O. Box 44563	Fax : +1-602-956-2566
Phoenix, Arizona	BBS : +1-602-912-0225
85064-4563	

List Owner: F6fbb-List@Stat.Com
Arizona Amateur Radio Packet Coordinator

Date: 1 Nov 94 20:15:49 GMT
From: hawley@aries.scs.uiuc.edu (Chuck Hawley)
Subject: Motorola Syntors

zilmer@jingluo.dt.wdc.com (Matthew Zilmer (&)) writes:

>I have seen some interest here in Moto Syntors. These radios are and
>have been hitting the streets in the salvage market. I've bought
>several for UHF - these were Range II, 450-470 MHz - and put them into
>amateur service. As several comments indicated, they are quite
>rugged and built to last.

>Early on with the Syntor, I gave in to solving the frequency and PL
>PROM puzzles. It took some finagling around, alot of trial and
>error, but finally the puzzle is solved. Seems to work for both
>VHF and UHF radios, but just the plain vanilla Syntor. Haven't
>finished reversing the Syntor X / 9000 family of PROMs yet.

>I did a prototype freq control head on an Augat board, using an
>8051, keyboard, LCD display and various TTL jellybeans. Right now,
>this proto head runs my 2m packet station. I'm giving serious
>thought to making a kit or perhaps finished control head available

>but just for the amateur 440 MHz and 144 Mhz bands. Not sure yet,
>but it might be worthwhile to offer out of band receive, though
>the Syntor's preselector bandwidth may prevent this from being
>very useful.

I have a Syntor and would appreciate a kit or paper kit of info for
it. Please email when you get something available.
Thanks, hawley@aries.scs.uiuc.edu

Chuck Hawley, KE9UW in Urbana, Illinois
hawley@aries.scs.uiuc.edu
School of Chemical Sciences, Electronic Services
University of Illinois, Urbana-Champaign

Date: Sun, 30 Oct 1994 22:21:48 GMT
From: wa2ise@netcom.com (Robert Casey)
Subject: NoCal 00 goes after Packet BULletins

In article <1994Oct29.000208.29686@news.csuohio.edu> sww@csuohio.edu (Steve Wolf)
writes:

>What's to understand? It seems like people keep trying to assign intent
>to the receiving station ... but intent for what? Why take a bulletin that
>walks like a _bulletin_ and talks like a _bulletin_ and call it a "message"?
>

>All bulletins are broadcasting. They are sent in many directions. When being
>forwarded, the receiving station did not ask for them. The sending station
>has no expectation that the receiving BBS will read or reply to them.
>

When I post something (be it a mod file, or an image file, or short
program, or recipe, etc) to @WW or @USA or whatever, I anticipate that
someone out there would be interested in reading it. I do get replies
thanking me for image files (a teacher in France told me he's going to
use the "comet hitting Jupiter" images I posted in his class, which
might get some of his kids interested in ham radio maybe, another
set of replies when I posted an image of myself, all positive, no flames).

As Gary K____ (sorry, forgot your call) (the guy at a destructive test lab)
pointed out, the FCC considers all the packet posts as 3rd party traffic.
As long as you don't do something of "percunary(sp) interest" or use
dirty words, it's okay. Somewhat similar to hams on HF or 2meters
talking about the weather or health problems, in that the content is
not directly related to radios.

Date: Sun, 30 Oct 1994 23:04:09 GMT
From: sww@csuohio.edu (Steve Wolf)
Subject: NoCal 00 goes after Packet BULletins

Robert Casey (wa2ise@netcom.com) wrote:

:

: As Gary K_____ (sorry, forgot your call) (the guy at a destructive test lab)
: pointed out, the FCC considers all the packet posts as 3rd party traffic.

Please do advise when and where the FCC made such a determination. Please post the text!

73,
Steve

Internet : no8m@hamnet.wariat.org
Amateur Radio : no8m@no8m.#neoh.oh.usa.na

Date: Wed, 02 Nov 1994 02:11:58 -0800
From: mitchr@admin.pacsci.org (Mitch Robinson)
Subject: No code Techs and CW...

In article <5q41bKe.wcoyle@delphi.com>, wcoyle@delphi.com wrote:

> I didn't mean anyone in particular, I just ment those in the
> No-code tech class who, in my opinion are a minority for the
> folks, who are whining and complaining and are constantly
> asking the government to give them a code exemption. Most of
> the no code folks out there who want to upgrade are willing to
> make the effort.
>
>
> The largest class of ticket holders in Ham radio are
> technicians, and I would sure like to see everyone who wants an
> upgrade to get one, but when someone comes into a testing
> session and has been studying CW for 2 weeks, and wants to pass
> the 13wpm, I get kinda riled up.
>
> 73
> Wcoyle@delphi.com
> N30GH

I have seen numerous people learn code from scratch and pass the 20wpm test with less that 3 weeks practice/learning.

On the other hand, there are hams such as myself that have been trying for

over ten >years< to get the speed up to general level with no luck (due to a mild form of dyslexia).

>I< tend to get riled up when "higher-class" hams look down at us lowly techs with such disdain. MOST extras I know don't do that, and in fact are against the 13 and 20wpm >requirements< for testing. But I run into the "pro-code" factions more than enough to give extras a bad name in my book.

"I (we) had to pass 20wpm so you have to"

"It is a filter to keep the CBers out"

"It is a tradition"

Bullshit. Pure and simple.

IMHO, morse code requirements for testing beyond 5wpm is unjustified. Period. It does not provide any proof that a particular individual is "entitled" to operate on HF frequencies any more than passing 5wpm does. It does not keep the riff-raff off the hf bands (witness all the crap from extras there!). As a tradition, it is decades passed. Spark transmitters are a tradition, why not use them today?

I am sick to death of being called a "whiner" or "complainer" when I ask for a LOGICAL explanation why I am not allowed to use VOICE on HF simply because I cannot get my (receiving) code speed up to par???

BTW, even tho I cannot receive code faster than about 9wpm, I can >send< code at about 25wpm; the only problem I have with it is attempting to read the text to send as I have trouble "connecting" the printed character with the code to send from time to time. I have been this way for about 10 years now, and despite all the years of practice, it does not look like this will change for me.

It has been suggested here that I attempt to find a VE that will allow me to take the 20wpm test by >sending<. I am trying that currently..

Mitch
N7GOW

Date: 1 Nov 1994 06:41:43 GMT
From: SJS1994@delphi.com
Subject: No License to Extra Leap?

> Has there ever been anyone who walked into a licensing examination with
 > no license at all, passed everything, and walked out amateur extra? If
 > not, what's the biggest leap anyone has heard of? I took someone to an

> exam site, and he went from Tech + to Advanced in one leap -- passed
>the 13 wpm, general, advanced, and even the extra exam. Couldn't quite
>handle the 20 wpm, however.

I went from no license to advanced first time. Didn't pass Extra theory
because I never studied for it, figuring I'd never pass 20WPM. However,
there is a big difference between copying 20WPM and answering multiple
choice questions. I was actually solid at only about 15WPM. Got extra the
next month. I wouldn't necessarily recommend this. I sort of regret never
having been a Novice.

Chris
NU10

Date: Fri, 28 Oct 94 11:42:43 -0500
From: Mark Tomany <Mark.Tomany@f747.n115.z1.fidonet.org>
Subject: QST November 94 issue

VP> From: pve@dg13.cec.BE (VEKINIS Peter)

VP> Anyone has QST for November?
VP> I have been told I am in the Upfront section with my daughter, and
VP> wonder
VP> which pictures have been published. Look for a picture of a bay,
VP> operating
VP> position with military vertical on the left and solar cells in the
VP> background, my daughter Naomi holding a sea snake (great food!) or a
VP> picture
VP> of the island we went on.
VP> Operation was in the north west coast of Greece during June Field day.
VP> Thanks for any help.
VP> Peter, KC1QF/ON9CGV/EI4GV/SV0GV

Yes, Sir!! Page 13, right column, about 2/3 way down from the top.
Looks like a great station, and a good looking daughter, too! You did have
her sit in for you during those long hours, right? ;-)

73 de N9WYS

... Who were the beta testers for Preparations A through G?

Date: 2 Nov 1994 16:42:28 GMT
From: cmatthew@wpo.uwsuper.edu (CHARLES R. MATTHEW)

Subject: Secret Service Freq / President

Does anyone know of some freqs that the secret service uses when the president is traveling around? Or at least where to scan around, I believe they use different freq each time. Clinton is coming to town today and will be here tomorrow. Thought it would be interesting to listen to.

-Charlie N0XFD
E-mail: cmatthew@wpo.uwsuper.edu

Date: Sun, 30 Oct 1994 23:16:53 GMT
From: wnewkirk@bb.iu.net (William E. Newkirk)
Subject: TEST MESSAGE...

: -> Message-ID: <7513-174385001@infodude.com>
: -> Newsgroups: rec.radio.amateur.misc
: -> Organization: InfoDude Com. Palo Alto Ca
: ->
: -> Test message, can I get ONE response, please?
: ->
: -> -Evan Platt
: -> Southern Region Director
: -> Bay Area Fire Photographers Association
: -> Internet:bafpa@infodude.com

no one can get just one....8)

(or is it the other way 'round? -- Lloyd 'n' Floyd)

73, bill wb9ivr
(nephew of lloyd and floyd...)

Date: Sun, 30 Oct 1994 23:20:36 GMT
From: wnewkirk@bb.iu.net (William E. Newkirk)
Subject: Wayne Green, unfailing clear thinker? NOT!

Nicholas A Ferro (adenaf@utica.ge.com) wrote:
: You won't find anything about anything other than Ham Radio in QST!
: Nick Ferro KU2A adenaf@sn520.utica.ge.com

unless it's stories about the wonderfulness of cellular telephones...8)..

73, bill wb9ivr

Date: Sat, 29 Oct 1994 19:33:47 GMT
From: jeffrey@kahuna.tmc.edu (Jeffrey Herman)
Subject: WTB Motorola Mitrek's

In article <9410290400083813@pcappbbs.com> dale.piedfort@pcappbbs.com (Dale Piedfort) writes:

>Looking for Motorola Mitrek Radios in the 420 to 430 MHZ range, units
>need to be complete with cables and control heads Need at least six of
>them. E-mail with condition and cost, will pay shipping as needed.
>dale.piedfort@pcappbbs.com tn timer

Mitreks, 450-470 MHz, 35W: \$295, with accessories, reconditioned,
from Tele-Path Corporation, 800-292-1700.

Jeff NH6IL

Date: Wed, 02 Nov 1994 01:49:34 -0800
From: mitchr@admin.pacsci.org (Mitch Robinson)

References<19940ct14.041541.6006@ultb.isc.rit.edu> <37subu\$35@crcnis1.unl.edu>,
<hY-WzKD.wcoyle@delphi.com>

Subject: Re: ARRL And Gay Hams Settle Complaint

In article <hY-WzKD.wcoyle@delphi.com>, wcoyle@delphi.com wrote:

> Listen, what YOU do behind the closed doors of YOUR bedroom (or
> car, or men's room stall) is YOUR business, it certainly is not
> grounds for starting a radio club all for yourself. If I
> started a radio club only for heterosexuals, or only for
> whites, or only for green eyed half Polish half Irish people
> who talk with a lisp, it would still be wrong.

Who says? There are many many different ham groups or clubs that have a
central "theme" or commonality. Many of these clubs or interest groups
have skeds or nets on the air. Are you saying that >nobody< should be
allowed to have any clubs or nets on the air that have a particular theme
or interest in the discussions?

> Amateur radio
> is NOT meant to promote anything of the sort. If you want to
> have an all homosexual club of some sort, your more than
> welcome to, but using the Amateur radio service as a platform
> for promoting your sick lifestyle is just not proper.

Other than the minor tendencies of some "christian" hams, I have never heard anyone "promoting" any particular "lifestyle" on the air, be it model railroading, flying, old-age aches and pains, or sexuality. Nor have I heard gay hams discuss SEX itself on the air.

> but using the Amateur radio service as a platform
> for promoting your sick lifestyle is just not proper.

I think we now see the true reason you object to the existence of a gay ham radio club.

>
> Like I said, keep it in YOUR bedroom, and no one has a problem
> with it, you don't see me screaming from the mountaintops "I'm
> HETEROSEXUAL" give me my own radio club, do you?

I think we just did... <grin>

> =====
> William A. Coyle
> N30GH

Mitch Robinson
N7GOW

End of Info-Hams Digest V94 #1181
